



Approval # 20030002  
(Replaces 960050-U)

Environmental & Regulatory Services Division  
Bureau of Petroleum Products and Tanks  
201 West Washington Avenue  
P.O. Box 7837  
Madison, WI 53707-7837

## Wisconsin COMM 10 Material Approval

Equipment: Secondary Containment Vessels

Manufacturer: H & K Concrete Products Inc.  
1518 N. Port Washington Rd.  
Grafton, WI 53024

Expiration of Approval: December 31, 2008

---

### **SCOPE OF EVALUATION**

The secondary containment vessels manufactured by H & K Concrete Products, Inc. were evaluated against the diking requirements of **s. Comm 10.345** and the secondary containment and vehicle collision protection requirements of **ss. Comm 10.415 (7) to (8)** of the Wisconsin Flammable and Combustible Liquids Code.

### **DESCRIPTION AND USE**

The H & K Concrete Products secondary containment vessels are made of steel-reinforced concrete. Rainwater collects in a corner sump and is removed by a manually primed siphon hose. Standard internal dimensions are 8 feet long by 6 feet wide by 24 or 26 inches deep. This gives the vessels a capacity of 718 or 778 gallons, depending on the wall height.

### **TESTS AND RESULTS**

Dimensioned drawings are on file with the department showing configurations, capacities, and re-enforcing rod placement.

### **LIMITATIONS / CONDITIONS OF APPROVAL**

In accordance with **s. Comm 10.345 (1)(a)**, the secondary containment vessel shall have a capacity 25 percent larger than the tank it contains.

In accordance with **s. Comm 10.415 (13)(a) 1.**, the tank shall be elevated at least 12 inches above the floor of the secondary containment vessel and have at least 12 inches of clearance on all sides to allow for visual inspection.

Additional vehicle collision protection, such as posts or rails in accordance with **s. Comm 10.415 (8)** are not required provided the tank is fastened with anchor bolts in the center of the vessel; and shear valves, flexible connectors or other protective devices are installed on product and/or electrical lines to assure adequate system flexibility should the system be displaced by collision.

**Unusual or heavy traffic patterns may require additional visual warning or collision protection.**

This approval will be valid through December 31, 2008, unless manufacturing modifications are made to the product or a re-examination is deemed necessary by the department. The Wisconsin Material Approval Number must be provided when plans that include this product are submitted for review.

### **DISCLAIMER**

The Department is in no way endorsing or advertising this product. This approval addresses only the specified applications for the product and does not waive any code requirement unless specified in this document.

Reviewed by: \_\_\_\_\_

Greg Bareta, P. E.  
Engineering Consultant  
Bureau of Petroleum Products and Tanks

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_